

PRIMARY USE: Removal of dissolved and absorbed pollutants in stormwater runoff.
ADDITIONAL USES: Removal of sediment in stormwater runoff.

DRAIN BLOCKER

What is it? A drain blocker is any device which can be positioned over or into a storm drain creating a positive seal, and preventing the contaminants from entering storm sewers and receiving waters.

Purpose

The most frequent application for a drain blocker is as an emergency spill device. They also can be used in routine maintenance and equipment wash areas. Drain blockers can be made from materials resistant to a wide variety of organic liquids. The materials used (e.g., polyurethanes) are very heavy and pliable, helping to quickly create a seal around the catch basin grating.

Drain Blocker
(e.g. polyurethane)



**Drain Blocker
Perspective View**

Limitations

This practice allows pollutant laden water to be diverted but does not trap or store the water. An alternate method of collection must be used.

Materials

Low durometer polyurethane.

Installation

Drain blockers can be directly applied to most horizontal drains. They may be washed and reused. Polluted water that has been diverted must be collected in a basin or tank or else allowed to pond for subsequent pumping or vacuuming.

Source: A Review of Current Storm Water Treatment Technologies for Port Facilities, Foss Environmental & Infrastructure.